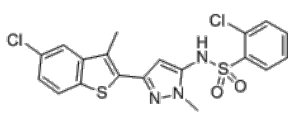


Product Name	: ML-60218	
Synonyms	: ML60218	
Cat No.	: M15113	
CAS Number	: 577784-91-9	
Molecular Formula	: C ₁₉ H ₁₅ Cl ₂ N ₃ O ₂ S ₂	
Formula Weight	: 452.37	
Chemical Name	2-chloro-N-(3-(5-chloro-3-methylbenzo[b]thiophen-2-yl)-1-methyl-1H-pyrazol-5-yl)benzenesulfonamide	
Description	ML-60218 (ML60218) is a broad-spectrum, small molecule inhibitor of RNA polymerase (Pol) III with IC ₅₀ of 32 and 27 uM for <i>Saccharomyces cerevisiae</i> and human, respectively; compromises the structural integrity of viroplasm and rotavirus double-layered particles, interferes with the formation of higher order structures of VP6, the protein forming the DLP outer layer, without compromising its ability to trimerize.	
Pathway	: Cell Cycle/DNA Damage	
Target	: DNA/RNA Synthesis	
Receptor	: DNA/RNA Synthesis	
Solubility	: —	
SMILES	<chem>O=S(C1=CC=CC=C1Cl)(NC2=CC(C3=C(C)C4=CC(Cl)=CC=C4S3)=NN2C)=O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference		

1. Eichwald C, et al. J Virol. 2017 Nov 15. pii: JVI.01943-17. | 2. Wu L, et al. Eukaryot Cell. 2003 Apr;2(2):256-64.